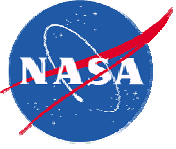# Computing Environments and Technology Branch Code 585
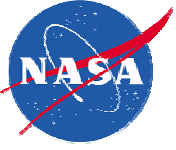
Branch Technical Status Report

June 23, 2004
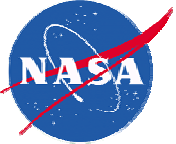
Agenda

- ## ESDIS Operations
  Quinton Barker
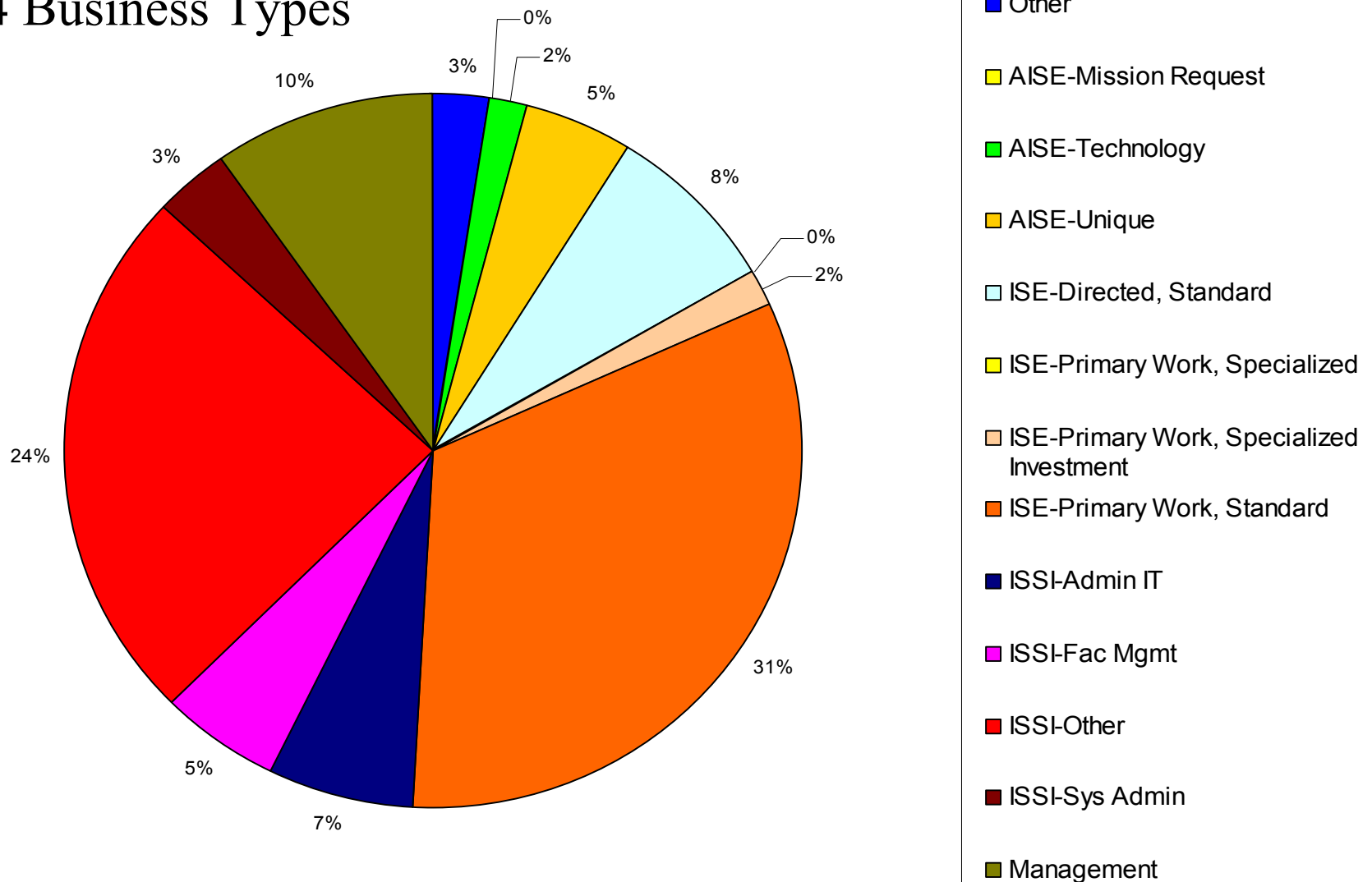
- ## CET Project Status Overview
  Howard Eiserike

CET Project Status

Howard Eiserike

Staffing Overview

FY04 Business Types

Legend:
- Other
- AISE-Mission Request
- AISE-Technology
- AISE-Unique
- ISE-Directed, Standard
- ISE-Primary Work, Specialized
- ISE-Primary Work, Specialized Investment
- ISE-Primary Work, Standard
- ISSI-Admin IT
- ISSI-Fac Mgmt
- ISSI-Other
- ISSI-Sys Admin
- Management

Percentages: 3%, 0%, 2%, 5%, 8%, 0%, 2%, 31%, 7%, 5%, 24%, 3%, 10%
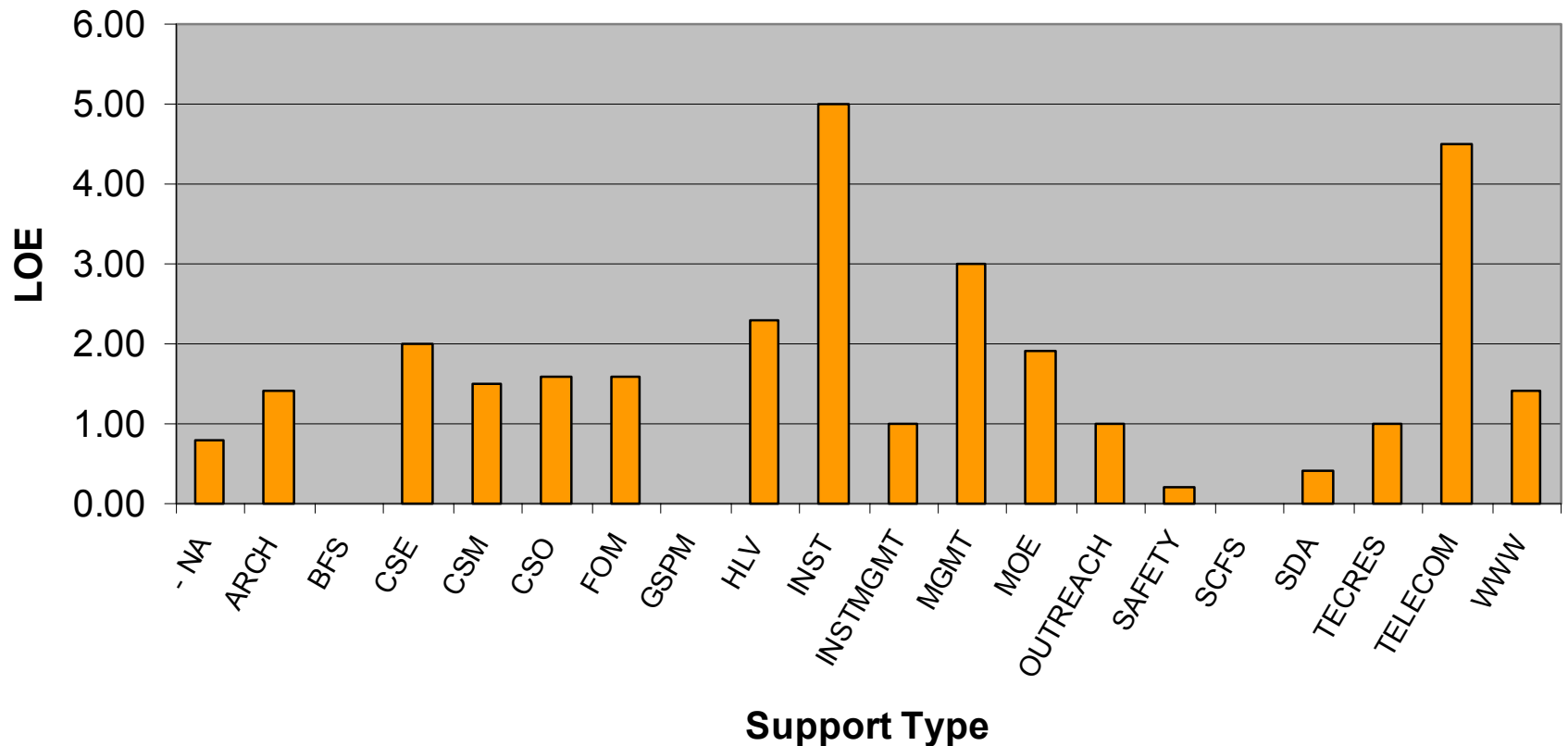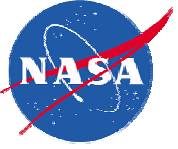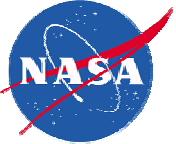
Staffing Overview
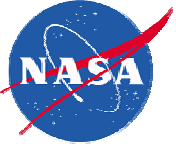

FY04 Support Types

Staff Transitions

- No change in FTE total
  - But Herb Durbeck retires in next 2-month window
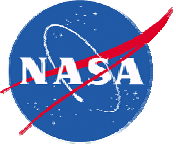 - Jeff Smith detailed to National Communications Systems

Project Summary

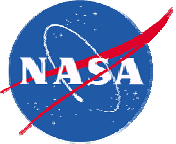| Project	Apr	May	Jun	Last Status	CS	Delta -CS	SSC	Status
Branch								
Infrastructure Plan	G	G	G	Feb '04	3		11	AD and XP roll-out continues
Agency detail	-	-	-		1	1		Detail to NCS
ANW	-	-	-		0.8	-0.6		Available for New Work, Bill Redisch retired!
Info Mgmt.								
Inside AETD, VSDE, 508, EPG, GOBBS, IT Standards	G	G	G	July '03	4.4			Cost Proposal Appl., Legal Appl.,
Security								
GITSVITS	G	G	G		1			On-going e.g. IG reports
Internal Audit	G	G	G		0.5			Preparing for next Internal Audit; Lab Manager Training underway!
Other								
Safety	G	G	G	Sept. '03	0.2	-0.2		ISD Safety Officer presentation for new employess prepared
Outreach	G	G	G	October '02	1			2004 : 15 students; 9 week duration
FOM	G	G	G		1.6			On-going
600								
Data support for LHEA	G	G	G		1			On-going; Potential for supporting GMSEC
900								
TOMS DA	G	G	G		0.3	-0.4		Serving V.8 of Production TOMS system
Code 916 CSO	G	G	G		0.7	0.4		Code 916 CSO
SDCD Network	G	G	G		3.2			GISS OC-3 to DS-3 transition completed. Provide over a $200K cost savings/year
Harlie DA	G	G	G		0	-0.1		Delivery of Harlie DA system complete

Project Summary

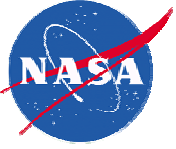| Project	Apr	May	Jun	Last Status	CS	Delta -CS	SSC	Status
TDRSS								
White Sands Support	G	G	G		1			On-going
ESDIS								
I&T	G	G	G		1			Mini-MOSS held 6/10/04. Final Mini-MOSS 6/29/2004.
Netw orking	G	G	G	August '02	0.5	1		All Aura communications in place and ready for launch
Security	G	G	G		0.5			All security issues closed
DAAC Eng.	G	G	G	June '04	0.9			Completed Interagency Agreement (IAA) documentation and SOW for next ORNL contract.
EDOS	G	G	G		0.5			Final release for AURA in place.
GMSEC								
In-house Team	G	G	G		1.8	0.1		Portal Interface on target
HST								
LAN Admin.	G	G	G		1			On-going
SSMO								
Security	G	G	G		1			On-going

Project Summary

Project	Apr	May	Jun	Last Status	CS	Delta -CS	SSC	Status
IFMP								
Contract Management	N/A	N/A	N/A		0	-1		Walt transferred to code 590
Budget Formulation	G	G	G	February '02	1			BF .5 Released and being used by 2 Centers for FY06 Center POP planning; Demo of Rel 1.0 functionality.
Pre-launch Missions								
Swift Mission Readiness Testing	N/A	N/A	N/A		0	-0.75		Debbie Ladwig transfered to HQ
InFocus	N/A	N/A	N/A		0	-1		Helen Newman retired!
JWST SOC	G	G	G	May '03	1			New proposal evaluation completed! Project Reference Database (PRD) SRR held!
NPP SDS	Y	Y	Y		0	-0.7		Confirmation Concept Review on 6/23/04
NPP Requirements	G	G	G		0.7	0.7		Performing Mission Level Requirements verification across NASA, IPO, and NOAA ; Managing the generation of the NPP Architecture Description Document (ADD)
Technology								
ASF	G	G	G		0.5			Definition of detailed user interface requirements on-going.
ADG	G	G	G		0.5	-0.45		Verify Hierarchical Data Format (HDF) tools work on the ADG server

Acronyms

ADG	Advanced Data Grid
ASF	Adaptive Sensor Fleet
BAH	Booz Allen Hamilton
BF	Budget Formulation
CET	Computing Environments and Technology
CM	configuration management
CSO	Computer Security Official
dMDR	delta Mission Definition Review
DA	data analysis
DAAC	Distributed Active Archive System
DR	discrepancy report
ECS	EOS Core System
EMD	Engineering and Development Services
ESDIS	Earth Science Data Information System
ESMO	Earth Science Mission Operations
FDS	Flight Dynamics System
FOM	Facility Operations and Maintenance
FOR	Flight Operations Review
FSW	flight software
GISS	Goddard Institute for Space Science
GITSVST	Goddard Information Technology Security Vulnerability Scanning Team
GMSEC	GSFC Mission Services Evolution Center
HST	Hubble Space Telescope
ICD	Interface Control Document
ICT	Interface Confidence Test
I/F	interface
ISO	International Standards Organization

I&T	integration and test
JWST	James Webb Space Telescope
LEP	Laboratory for Extraterrestrial Physics (696)
LA	Laboratory for Atmospheres
LAN	Local Area Network
LHEA	Laboratory for High Energy Astrophysics
MEDS	Multidisciplinary Engineering and Development Services
MLA	Mercury Laser Altimeter
MOSS	Mission Operation Science System
MRT	Mission Readiness Test
NEX	NASA Excepted positions
NISN	NASA Integrated Services Network
NPOESS	National Polar Orbiting Environmental Satellite System
NPP	NPOESS Preparatory Project
NSSDC	National Space Science Data Center
OC3	Optical Carrier-3; 155 mbps data rate
OMI	Ozone Mapping Instrument
ORNL	Oak Ridge National Laboratory
PODAAC	Physical Oceanography DAAC
RF	Radio Frequency
SCIF	Spacecraft Interface Test
SDCD	Space Data and Computing Division
SDP	science data processing
SDS	Science Data Segment
SEDAC	Socio Economic Data and Application Center
SN	Space Network
SOC	Science and Operations Contract
SOHO	Solar and Heliospheric Observatory
SOW	statement of work

Acronyms

SSMO	Space Science Mission Operations
ST-5	Space Technology 5
STScI	Space Telescope Science Institute
SW	software
TDRSS	Tracking & Data Relay Satellite System
TOMS	Total Ozone Mapping System
VMOC	Virtual Missions Operations Center
VDB	Verification Database
VSEP	Visiting Student Enrichment Program
XML	Extensible Markup Language